How Confidence Levels Pre and Post Training affect Gains

More than just a mathematical formula

Below are charts representing two correlation studies of SPA confidence assessments.

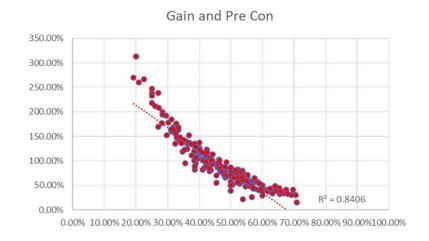The constant in both is Confidence Gain (vertical axis).

The variables between the two are Pre-Confidence and Post-Confidence scores. (horizontal axis)
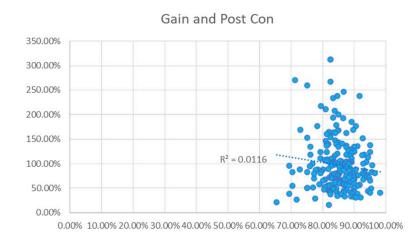
These studies show a strong correlation between Pre-Confidence and Confidence Gain.

The less confidence they have in the course content coming in, the more they stand to learn.

In contrast to this, there is virtually no correlation between Post Confidence and Confidence Gain.

Analysis: when we target the right students, we have a greater impact.

Gain and Pre Con — $R^2 = 0.8406$

Gain and Post Con — $R^2 = 0.0116$

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